

CLAIMS

What is claimed is:

1. A link verification controller for a wireless device,
5 comprising:
a default link verify period setting to establish a first period
for a link verification operation between a remote device and a matching
base unit during normal operations; and
a controller to adjust said established first period for said link
10 verification based on a status of a battery of said remote device.
2. The link verification controller for a wireless device
according to claim 1, further comprising:
a second link verify period setting to establish a second
15 period for said link verification corresponding to a reduced power mode for
said wireless device.
3. The link verification controller for a wireless device
according to claim 1, wherein:
20 said second period is greater than said first period.
4. The link verification controller for a wireless device
according to claim 1, wherein:
said second period is a suspension of said link verification
25 operation.

5. The link verification controller for a wireless device according to claim 1, further comprising:

a link verification module to adjust an alignment of a timing signal in said remote device in accordance with a timing slip of a data frame received by at least one of said remote device and said base unit.

6. The link verification controller for a wireless device according to claim 5, wherein:

said timing slip is determined by a data frame received by said remote device.

7. The link verification controller for a wireless device according to claim 6, wherein:

said wireless device is a digital cordless telephone.

8. A method of determining a period for an operation between a remote unit and a matching base unit, said method comprising:
detecting a charging to a remote handset from a base unit;
and

adjusting a period between a check of frequency alignment between said remote handset and said base unit based on a battery voltage level in said remote handset.

9. The method of determining a period for an operation between a remote unit and a matching base unit according to claim 8, further comprising:

suspending said check of said frequency alignment when said remote handset is in a predetermined mode.

10. The method of determining a period for an operation between a remote unit and a matching base unit according to claim 9, wherein:

said predetermined mode is a quick charge mode.

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11. The method of determining a period for an operation between a remote unit and a matching base unit according to claim 8, wherein:

said period is adjusted between a predetermined maximum period and a predetermined minimum period.

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12. Apparatus for determining a period for an operation between a remote unit and a matching base unit, comprising:

means for detecting a charging to a remote handset from a base unit; and

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means for adjusting a period between a check of frequency alignment between said remote handset and said base unit based on a battery voltage level in said remote handset.

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13. The apparatus for determining a period for an operation between a remote unit and a matching base unit according to claim 12, further comprising:

means for suspending said check of said frequency alignment when said remote handset is in a predetermined mode.

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14. The apparatus for determining a period for an operation between a remote unit and a matching base unit according to claim 13, wherein:

said predetermined mode is a quick charge mode.

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15. The apparatus for determining a period for an operation between a remote unit and a matching base unit according to claim 12, wherein:

said period is adjusted between a predetermined maximum
5 period and a predetermined minimum period.